



ADDENDUM 1

ALL Electric Light Duty ADA Accessible Transit Buses

Bid# 011-2022

February 6, 2022

Questions regarding the specifications on this bid was due Tuesday, February 15, 2022, 5pm EST. Please see below for clarifications and questions/answers regarding the bid. If any further questions, please contact Rodney Harrison at rlhar@salisburync.gov.

1. **Question** – We are respectfully requesting an approved equal for the wheelchair & occupant securement system. We are asking if the specification may be modified to include our systems and brand name. The AMF part number that would supply your requirements would be AMF Bruns Platinum Wheelchair & Occupant Securement System. Our Protektor Series was just awarded the International Red Dot Award on our wheelchair securement system.

Answer – This is an approved equal.

2. **Question** – What is the desired delivery date for the buses?

Answer – Vehicles should be delivered by January 23, 2023. Bidders should include their anticipated delivery date.

3. **Question** - And when would the anticipated award date be?

Answer – The anticipated award date is March 31, 2022 or sooner.

4. **Question** – Section 5.3.15 Engine Hour Meter
Clarification regarding the engine hour meter. This bid is for an electric bus with no engine. Do you want an hour meter that shows how long the electric motor has run?

Answer – **The** hour meter should track the number of hours the electric motor has run over its lifetime.

5. **Question** – Section 11.4 Other Required Equipment
Clarification regarding the social distance seat band, 12. Can you please give us a brief description and purpose for what the social distance seat band is?

Answer – Vertical social distance seat bands are used to block passenger seats from being used. The wording on the seat bands should read “Do Not Sit” “Maintain Social Distance”. We are requesting 12 vertical seat bands per vehicle.



6. **Question** – Section 15 Charging Station - Technical Specification for Level III DC Charge Station
Requesting the CHAdeMO be updated to a CCS connector. The CCS connector is the industry standard within the EV space, both personal vehicles and commercial vehicles in the United States.

Answer – The CCS connector made for vehicles within the United States is approved.

7. **Question** – Section Charger, Page 63
Please accept vehicle to have CCS1 charging port in lieu of CHAdeMO.

Answer – The CCS1 connector made for vehicles within the United States is approved.

8. **Question** – Section Charger, Page 63
Please accept charging station to have both CCS1 & CHAdeMO charging ports.

Answer – This is an approved equal.

9. **Question** – Section Bid Date, Page 1
We would like to request that the City of Salisbury delay the submission deadline by 4 weeks, making the new submission deadline Tuesday, March 24, 2022

Answer – This request is denied. The submission deadline will not be delayed.

10. **Question** – Metric System, Page 27
Will the City require the vehicle to report Speed (MPH) and Distance to Empty (Range) in Kilometers in lieu of Miles?

Answer – The City requires the vehicle to report Speed (MPH) and Distance to Empty (Range) in Miles?

11. **Question** – Section 5.0.18, Page 45

Cruise control not available on Electric Vehicle Upfit.

Answer – Please **delete** the cruise control requirement.

12. **Question** – Sections 5.1/5.2, Page 46

Please clarify the needed BTU's for heat and air conditioning, as required by the City of Salisbury.

Answer – The proposer must determine the BTU needed based on the size of the vehicle included in the bid. The proposer must share this information as described in sections 5.1/5.2

13. **Question** – Section 6.1, Page 56

Please accept our location of batteries

Answer – This request is denied. The proposer did not share the location.

14. **Question** – Section 6.2, Page 56

Please clarify the requirement of coolant line connectors. Is this sensor connections or hose connections. Clarification on this would be greatly appreciated

Answer – 90° connectors are required if coolant hoses are used.

15. **Question** – Section 6.15, Pages 57/58

Please accept our use of powder coated washers to prevent corrosion.

Answer – This is an approved equal.

16. **Question** – Section 6.17, Page 58

Please accept our location of the LED light indicating charge.

Answer – This is an approved equal.

17. **Question** – Section 6.21, Page 58

Electrical E-Stop unavailable at this time.

Answer – Delete this requirement.

18. **Question** – Section 4.1 Base Model Vehicle

Requesting the approval of a 24' base model in lieu of the 25'. We will be able to meet all seating requirements and this will cut down on the weight of the vehicle.

Answer – This is an approved equal.

19. **Question** – Section 4.1 Base Model

Request approved equal to offer vehicle with overall length of 26' 6".

Answer – The overall length of the vehicle should be between 22 foot – 27 foot.

20. **Question** – Section 4.2 Wheelbase

Request approved equal to provide vehicle purpose built and designed around battery pack with 212” wheelbase.

Answer – This is an approved equal.

21. **Question** – Section 4.4.1 Maximum Exterior Width

Request approved equal to offer vehicle with enhanced interior space and maneuverability for mobility-aided passengers with a 101.5” exterior width.

Answer – This is an approved equal.

22. **Question** – Section 5.11.2 Sub-floor Base

Request approved equal to provide corrosion resistant aluminum sub-floor material.

Answer – This is an approved equal.

23. **Question** – Section 5.11.3 Floor Covering Material

Request approval to provide Gerflor Sirius flooring material.

Answer – This is an approved equal.

24. **Question** – Section 6.22 Battery Packs

Request approval to provide vehicle with approximately 125 miles range per UVW test protocol.

Answer – This request is denied.

25. **Question** – Section 6 Electric Vehicle Specification Requirements, Item 6.22 (pg. 58) - Battery packs shall have a minimum range of 160 miles on a full charge, or approved equal.

GreenPower respectfully requests that a range of 150 miles per charge be accepted as an approved equal.

Answer – The battery packs should have a range between 135 miles – 160 miles

26. **Question** – Section 6.22 Battery Pack

Requesting a lower minimum range, in order to maintain the safety feature of keeping the battery packs within the frame rails. The main benefit of keeping the battery packs within the frame rails is to allow the two additional large steel rails of the Ford OEM chassis to protect and further insulate the batteries from a direct impact in the case of an accident. We can offer 151 kWh battery pack configuration with an estimated range of 135 inside the frame rails

Answer – This is an approved equal.

27. **Question** – Section 6.23 Peak Power

Request approved equal to provide onboard battery storage of 113kW.

Answer – This request is denied.

28. **Question** – GreenPower respectfully requests the acceptance of our EV Star chassis as an approved equal to the Ford E-Transit chassis.

Answer – This is an approved equals.

29. **Question** – GreenPower respectfully requests removal of the “cutaway” design requirement to allow for a unibody passenger van/mini bus.

Answer – This request is denied.

30. **Question** – Section Technical Specification Provisions, Item 1 (pg. 42) -That the proposed vehicle is manufactured in an ISO certified bus manufacturing facility.

GreenPower respectfully requests removal of the ISO certification requirement.

Answer – This request is denied.

31. **Question** – Section Technical Specification Provisions, Items 2 and 3 (pg. 42) - The proposed model has been tested to show compliance with FMVSS220 School Bus Rollover Protection standard. The proposed model has been tested to show compliance with FMVSS 221 Sidewall Joint Strength Standard.

GreenPower respectfully requests the removal of these testing requirements.

Answer – The proposer must certify they have meet FMVSS 200, FMVSS 221, and Altoona standards.

32. **Question** – Section 4 Vehicle Type and Size, Item 4.4.4 (pg. 44) - Minimum Interior Width (measured 12 inches above the floor) shall be 89 inches, or approved equals.

GreenPower respectfully requests that the minimum interior width be reduced to 70”.

Answer – The Minimum Interior Width (measured 12 inches above the floor) must be 70 inches.

33. **Question** – Section 4 Vehicle Type and Size, Item 5.0.7 (pg. 45) - Service Brakes shall be chassis OEM power 4-wheel disc anti-lock (ABS) with traction control.

Please accept front disc and rear drum brakes without traction control.

Answer – This is an approved equal.

34. **Question** – Section 4 Vehicle Type and Size, Item 5.1.3 (pg. 46) - Electric Heater Control Valve shall be installed in auxiliary heater hose system. Activation shall be regulated by auxiliary heater selector switch.

GreenPower respectfully requests that this requirement be adjusted to accommodate other heater types. The GreenPower EV Star’s HVAC system does not require liquid coolant, so valves are not necessary.

Answer – This is an approved equal.

35. **Question** – Section 4 Vehicle Type and Size, Item 5.6.5 (pg. 50) - Drip Rails shall be installed over all windows and doors.

GreenPower respectfully requests removal of the drip rail requirement. The roof on GreenPower’s EV Star is designed with channels that prevent most water from dripping over the side.

Answer – This is an approved equal.

36. **Question** – Section 4 Vehicle Type and Size, Item 5.13.1 (pg. 52) - Overhead Handrails (Pair) shall be continuous throughout the length of the passenger compartment, except for at entry and curbside mobility aid lift access areas.

Please accept the use of seat handles as handrails instead of overhead handrails.

Answer – This is an approved equal.

37. **Question** – Section 4 Vehicle Type and Size, Item 5.15.6 (pg. 53) - Two (2) 12-inch Seatbelt Extensions shall be provided with each vehicle at delivery.

GreenPower respectfully requests that the City consider longer seatbelts as an alternative to seatbelt extensions.

Answer – This is an approved equal.

38. **Question** – Section 4 Vehicle Type and Size, Items 5.11.5 and 5.18.5
5.11.5 Standee Line shall be a yellow, two (2) inch wide band in floor between driver/entry area and passenger seating area.
5.18.5 Standee Sign shall be installed to interior in front bulkhead area to notify passengers not to stand forward of yellow standee line while vehicle is in motion.

GreenPower respectfully requests the removal of these requirements. GreenPower's EV Star is not intended to accommodate standees, and we see no other mention of standee room as a requirement of this solicitation.

Answer – This request to remove 5.11.5 Standee Line is **denied**.

This request to remove 5.18.5 Standee Sign is **approved**.

39. **Invitation to Bid, Page 1, Change from**

Offer valid for 60 days from date of bid opening unless otherwise stated here: ____ days (See Instructions to Bidders, Item 2). Prompt Payment Discount: _____ % _____ days (See Instructions to Bidders, Item 13).

Change to

Offer valid for **90 days** from date of bid opening unless otherwise stated here: ____ days (See Instructions to Bidders, Item 2). Prompt Payment Discount: _____ % _____ days (See Instructions to Bidders, Item 13).